## (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 10 February 2005 (10.02.2005)

PCT

## (10) International Publication Number WO 2005/012522 A1

(51) International Patent Classification7: C12Q 1/68, G01N 33/50

C12N 15/10,

(21) International Application Number:

PCT/GB2004/003201

(22) International Filing Date:

23 July 2004 (23.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0317199.8

23 July 2003 (23.07.2003) GB

0319422.2

19 August 2003 (19.08.2003)

- (71) Applicant (for all designated States except US): CY-CLOPS GENOME SCIENCES LIMITED [GB/GB]; 14 Guest Road, Cambridge CB1 2AL (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): GOLDSBOROUGH. Andrew [GB/FR]; 42, rue du Mas du Juge, F-34980 St. Gely du Fesc (FR).
- (74) Agent: JENKINS, Peter, David; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

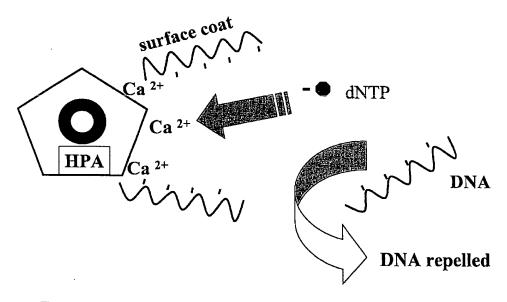
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CLEAN-UP BEADS



(57) Abstract: The present invention provides a material for separating an analyte from an undesired constituent, which material comprises a solid phase and a coating, wherein the solid phase is capable of binding the undesired constitutent, and wherein the coating covers the exposed surface of the solid phase to an extent that any binding of the solid phase to the analyte is impeded. A method for preparing the material, and uses of the material for separating an analyte from an undesired constituent are also provided.